

**SOLID-STATE LIGHTING:****Recognizing  
Innovative, Energy-  
Efficient Commercial  
Lighting Luminaires**

The Next Generation Luminaires™ Solid-State Lighting Design Competition seeks to encourage technical innovation and recognize and promote excellence in the design of energy-efficient LED commercial lighting luminaires.

Organized by the U.S. Department of Energy, the Illuminating Engineering Society of North America, and the International Association of Lighting Designers, the Next Generation Luminaires solid-state lighting design competition encourages manufacturers to develop innovative commercial luminaires that are energy efficient and provide the high lighting quality and consistency, glare control, lumen maintenance, and appearance needed to meet specification lighting requirements.



*Photo courtesy of Eureka Lighting.*



Launched in 2008, the competition recognizes the rapid changes and advancements in white LED technology for general illumination. LEDs, when incorporated into well-designed luminaires, are now appropriate for a growing number of lighting applications.

**2012 Next Generation  
Luminaires Winners**

Winners in the Indoor category of the fourth annual Next Generation

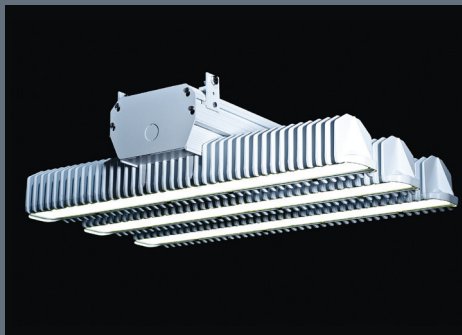
Luminaires awards were announced in May 2012 at LIGHTFAIR® International in Las Vegas. Of the 114 entries from 43 manufacturers, 53 were selected for recognition, with three of those products (see below) designated as Best in Class.

**Participants**

The competition is open to LED lighting, lighting system, and luminaire manufacturers, including LED device and system manufacturers in conjunction with their luminaire manufacturing partners.

**Best in Class, 2012 Next Generation Luminaires Indoor Competition**

Intense Lighting: MBW2 LED  
accent track lighting luminaire



Albeo Technologies Inc.: H-Series  
LED high-bay luminaire



Lithonia Lighting: ST Series  
utility/general purpose luminaire

## Judging Criteria

Designs in the Indoor competition are evaluated on the basis of color, appropriate illuminance, light distribution, glare control, appearance, serviceability, value, and energy efficiency. Dimming is considered separately as a “bonus” item, as not all entries are intended to dim.

Next Generation Luminaires judges for indoor products are drawn primarily from across the architectural lighting design community, creating a diverse panel of experts who design, specify, evaluate, research, and write about commercial SSL luminaires.

## NGL Expands to Indoor and Outdoor Competitions

In 2012, the Next Generation Luminaires competition was expanded to include separate indoor and outdoor competitions. This division enables greater refinement of the performance criteria and the composition of the judging panels, enhancing the competition’s value to lighting designers and specifiers.

To view the timelines for the Indoor and Outdoor competitions, visit [www.ngldc.org](http://www.ngldc.org).

## NGL 2012 Recognized Winners

Category—Indoor	Manufacturer/Product
Task Lighting	<ul style="list-style-type: none"> <li>Humanscale: Horizon™</li> <li>Prism: TL-4400</li> <li>Koncept Technologies: Mosso™</li> </ul>
Recessed Modular Lighting	<ul style="list-style-type: none"> <li>Lithonia Lighting: AC, RT, T, and VT Series</li> <li>Cree: CR Series of Architectural LED Troffers</li> <li>Galaxia Electronics: Smart LED Panel Lighting System</li> <li>Finelite: HPR-LED Collection</li> <li>OSRAM: RLC22</li> </ul>
Accent Track Lighting	<ul style="list-style-type: none"> <li>Intense Lighting: MB3 LED</li> <li>Amerlux: Hornet</li> <li>Philips Lightolier: Spot LED Series</li> </ul>
Recessed Accent Lighting	<ul style="list-style-type: none"> <li>Intense Lighting: Pluris LED 1600 Lumen</li> <li>Amerlux: Hornet Multiples</li> <li>Juno Lighting Group: Aculux Generation 2 LED</li> <li>Focal Point: ID LED</li> <li>Cooper Lighting: IRIS P3LED Series</li> </ul>
Recessed Linear Lighting	<ul style="list-style-type: none"> <li>Selux: M100 LED</li> </ul>
Linear Pendant Lighting	<ul style="list-style-type: none"> <li>Selux: M60 LED</li> <li>Corelite-Cooper Lighting: Loft Micro LED</li> <li>Axis Lighting: BEAM 3 LED</li> <li>GE Lighting Solutions: Lumination LED</li> </ul>
Pendant Lighting	<ul style="list-style-type: none"> <li>Lumenpulse: Lumenbeam™ LBX</li> <li>MarulaLED: LB86 Low Bay</li> <li>Eureka Lighting: Point</li> </ul>
Decorative Lighting	<ul style="list-style-type: none"> <li>Eureka Lighting: Rolo, Lap, and Bare</li> <li>Pure Edge Lighting: Soft Line Indirect LED</li> <li>Architectural Lighting Works: LP9 Mono Citizen13</li> </ul>
Recessed Downlighting	<ul style="list-style-type: none"> <li>USAI Lighting: BeveLED® 2.0 and NanoLED® NXT Downlights</li> <li>Juno Lighting Group: Generation 3 4” and 6” IC LED Downlights</li> <li>Amerlux: Evoke 2.9” and 4.75” G2 LED Square Downlights</li> <li>Cooper Lighting: Portfolio™ 6” Square LED</li> </ul>
Surface-Mounted Lighting	<ul style="list-style-type: none"> <li>Lighting Science Group: Glimpse</li> </ul>
Recessed Wall Washing	<ul style="list-style-type: none"> <li>USAI Lighting: BeveLED® 2.0 and NanoLED® NXT Wall Wash</li> <li>Amerlux: Evoke 4.75” G2 LED Square Wall Wash</li> </ul>
Cove Lighting	<ul style="list-style-type: none"> <li>The Lighting Quotient: fraqtir™ Cove</li> <li>Lumenpulse: Lumencove®</li> </ul>
Linear Lighting	<ul style="list-style-type: none"> <li>Juno Lighting Group: Trac 12 LED Linear Lighting Modules</li> </ul>
Utility Lighting	<ul style="list-style-type: none"> <li>On-Q Lighting Systems: Aura Series</li> </ul>
High-Bay Industrial Lighting	<ul style="list-style-type: none"> <li>Digital Lumens: ILE-3-18</li> <li>Lithonia Lighting: PROTEON™ LED</li> </ul>

### For More Information

For more information on Next Generation Luminaires, see [www.ngldc.org](http://www.ngldc.org) or email [NGL@pnnl.gov](mailto:NGL@pnnl.gov). To learn more about IES and IALD, visit [www.ies.org](http://www.ies.org) and [www.iald.org](http://www.iald.org).